

J07088358
KAO CORP

Pr. 93JP-257639 du 930920

Continuous prepn. of slightly water-soluble salt - using seed crystal process in tubular reactor.

The method comprises supplying continuously (M) more the two kinds of raw materials into (R) tubular reactor, mixing to react, giving (S) slightly water-soluble salt; where (C) a seed crystal of (S) slightly water-soluble salt is supplied into (R) reactor to promote growth of the crystal, and specified average particles dia. of (S) salt can be obtd. by controlling supplied amt. of (C) seed crystal depending upon information of average particle dia. of growing crystal from measurement of turbidity of the liq. in (R) reactor, (C) seed crystal is a slurry of dispersion of (S) salt obtained from mother liq. discharged from (R) reactor.

USE

For making particles of homogeneous particle-dia. of a slightly water-soluble salt, e.g. constitutional pigment, cosmetic, emulsion of photograph, electronic material, additives, etc.

ADVANTAGE

The prepn. of slightly water-soluble salt can be carried out continuously, simply and efficiently.

PREFERRED COMPONENT (S) - Components(s) is pref. BaSO₄. Component (c) is supplied in an amt. controlled by controlling amts. of passing through two separate lines to supplying (C) seed which are filtrate line provided with a solid and liq. separator to remove (C) seed, and bypass line not provided with the solid and liq. separator to remove (C) seed.

J07089710

NIPPON COLOR KOGYO KK

Pr. 93JP-267721 du 930921

Spherical composite material used for cosmetics, resins, catalyst supports, etc. - composed of homogeneous compsn. of zinc oxide and silicic acid anhydride.

The material has an average particle dia. of 1-10 microns and a BET specific surface area of 100-300 m²/g. It is homogeneously composed of 5-30 wt. % zinc oxide and 95-70 wt. % silicic acid anhydride.

Also claimed is the prepn. of the material which comprises adding zinc oxide with an average particle dia. of the prim. particles of 0.01-0.05 micron and a BET specific surface area of 50 +/- 40 m²/g and a sodium silicate aq. soln. while mixing them together with a mixt. of a surfactant and an organic solvent, adding a calcium chloride aq. soln., adding a hydrochloric acid aq. soln. to adjust the pH to 7.5, then filtering, washing and drying the prod.

USE

Réf. 95-167072 [22] The material obtd. can be used in additives to resins, cosmetics, coating materials and catalyst supports.

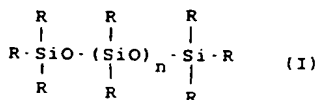
J07089844

NIPPON UNICAR CO LTD

Pr. 93JP-267696 du 930922

New cosmetic material contains alkyl phenyl polysiloxane - e.g. 1,3-di:methyl-1,1,3,3-tetra:phenyl siloxane, having good durability

Cosmetic material contains an alkyl phenyl polysiloxane derivs. of formula (I) as active ingredient.



R = H or monovalent hydrocarbon, where at least 50% is phenyl; and n = 0 or 1.

Réf. 95-167174 [22]

ADVANTAGE

The material has good durability, water resistance and repellency, affinity for the skin, softness, water vapour and gas permeability, retention of fillers and lubricity without stickiness and imparts good glossiness.

PREFERRED COMPOUND

The monovalent hydrocarbon gp. other than phenyl is pref. methyl.

(I) is pref. 1,3-dimethyl-1,1,3,3-tetraphenyl siloxane.